76mm HE-M77 Naval Ammunition

High-Explosive round for OM 76/62mm guns

The combat-proven 76mm High-Explosive (HE) round can be fired from all types of OM 76/62mm naval guns. The round is designed to deliver blast and fragmentation effects against surface, ship and aircraft targets.

Elbit Systems™ Land

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High-Explosive round components: The round is composed of a steel body with an HE charge of pressed Comp. A3 and a Point Detonating (PD) fuze with selective super quick (SQ) or delay modes. The brass cartridge case crimped to the projectile contains a mechanical percussion primer and a M6+2 propellant. A metal clip over the cartridge case base protects the primer tube, which contains an 18-gram black powder charge.

Round operation:

- **Firing:** Striking the percussion primer ignites the black powder charge in the primer tube, which ignites the propellants to impart velocity
- **Impact:** Upon impact, the preset fuze detonates the HE filler to produce blast and fragmentation effects

Packaging: Each round is packed in a fiber container, with two containers packed in a plywood box.

Key Features

- Weight of complete round: 12.4kg
- Projectile weight with fuze: 6.2kg
- Maximum range: 16,200m
- Muzzle velocity: 930 m/s
- Blast and fragmentation effects

Key Benefits

- High-fragmentation projectile
- Against surface, ship and aircraft targets
- Compatible with all OM 76/62mm naval guns

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